

PTO/P&T Rec'd 13 NOV 2001

DOCKET NO.: CACS-0017

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

David Edward Williams, et al.

Intl. Appln. No.: PCT/GB99/02757

Group Art Unit: not yet known

Intl. Filing Date: 19 August 1999

Examiner: not yet assigned

For: SEMICONDUCTOR GAS SENSING

Assistant Commissioner for Patents
Washington DC 20231

**STATEMENT IN SUPPORT OF REQUEST TO CORRECT INVENTORSHIP
UNDER 37 CFR 1.48(a)**

I, Peter McGeehin, state that:

1. An error in inventorship exists in the above-identified patent application.
2. The error arose because of an inadvertent omission.
3. I understand that, to correct this error, I am being added as an inventor.
4. This error in inventorship occurred without deceptive intention on my part.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this statement is directed.

Date: 24/5/01

Peter McGeehin
Peter McGeehin

DOCKET NO. CACS-0017

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

David Edward Williams, et al.

Group Art Unit: not yet known

U.S. Serial No.: 09/786,176

Examiner: not yet assigned

Intl. Appln. No.: PCT/GB99/02757

Intl. Filing Date: 19 August 1999

For: SEMICONDUCTOR GAS SENSING

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; and

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a

☒ Utility Patent ☐ Design Patent

is sought on the invention, whose title appears above, the specification of which:

☐ is attached hereto.

☒ was filed on 19 August 1999 as International Application No. PCT/GB99/02757.

☒ said application having been amended on 06 September 2000 .

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

DOCKET NO. CACS-0017

- 2 -

PATENT

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PATENT

| | |
|--|---|
| Name: Richard Anthony COX | |
| Mailing Address: 4 College Farm Court High Street Barton Cambridge CB3 7AL Great Britain | Signature Date of Signature: _____ |
| City/State of Actual Residence: Cambridge, Great Britain | Citizenship: <u>Great Britain</u> |

| | |
|---|---|
| Name: Peter McGEEHIN | |
| Mailing Address: Oakbridge School Road Compton Newbury Berks, RG20 6QU Great Britain | Signature Date of Signature: _____ |
| City/State of Actual Residence: Berks, Great Britain | Citizenship: <u>Great Britain</u> |

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PATENT

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to the patentability of this application in accordance with 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a-d) of any **foreign application(s)** for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of any application on which priority is claimed:

| Priority Claimed (If X'd) | Country | Serial Number | Date Filed |
|-------------------------------------|---------------|---------------|-------------------|
| <input checked="" type="checkbox"/> | Great Britain | 9819228.9 | 03 September 1998 |
| <input type="checkbox"/> | | | |
| <input type="checkbox"/> | | | |
| <input type="checkbox"/> | | | |

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

| Serial Number | Date Filed | Patented/Pending/Abandoned |
|---------------|------------|----------------------------|
| | | |
| | | |
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| | | |

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Serial Number

Date Filed

| | |
|-------|-------|
| _____ | _____ |
| _____ | _____ |

I hereby appoint the following persons of the firm of **WOODCOCK WASHBURN KURTZ MACKIEWICZ & NORRIS LLP**, One Liberty Place - 46th Floor, Philadelphia, Pennsylvania 19103 as attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

| | |
|---|------------------------|
| <input checked="" type="checkbox"/> _____ | Reg. No. <u>33,307</u> |
| _____ | Reg. No. _____ |

Address all telephone calls and correspondence to:

Joseph Lucci
**WOODCOCK WASHBURN KURTZ
MACKIEWICZ & NORRIS LLP**
One Liberty Place - 46th Floor
Philadelphia PA 19103
Telephone No.: (215) 568-3100
Facsimile No.: (215) 568-3439

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

David Edward WILLIAMS, Keith Francis Edwin
PRATT, Roderic Lewis JONES and Richard
Anthony COX

Group Art Unit: not yet known

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| | |
|---|---|
| Name: David Edward WILLIAMS | |
| Mailing Address: 41 Oxford Road Abingdon OX14 2EE Great Britain | Signature Date of Signature: _____ |
| City/State of Actual Residence: Abingdon, Great Britain | Citizenship: _____ Great Britain |

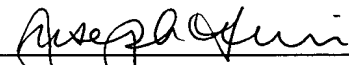
| | |
|---|---|
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| Mailing Address: 22 Roebuck Court Didcot OX11 8UT Great Britain | Signature Date of Signature: _____ |
| City/State of Actual Residence: Didcot, Great Britain | Citizenship: _____ Great Britain |

| | |
|--|---|
| Name: Roderic Lewis JONES | |
| Mailing Address: 7 Bandon Road Girton Cambridge CB3 0LU Great Britain | Signature Date of Signature: _____ |
| City/State of Actual Residence: Cambridge, Great Britain | Citizenship: _____ Great Britain |

| | | | |
|-----------------------|--------------------------------|-----------------------|--------------------------------|
| George J. Awad | Registration No. <u>46,528</u> | Sharon Fenick | Registration No. <u>45,269</u> |
| Steven D. Maslowski | Registration No. <u>46,905</u> | Daniel D. Biesterveld | Registration No. <u>45,898</u> |
| S. Maurice Valla | Registration No. <u>43,966</u> | Christine A. Goddard | Registration No. <u>46,731</u> |
| Emma R. Dailey | Registration No. <u>44,491</u> | Ellen M. Klann | Registration No. <u>44,836</u> |
| Vincent J. Roccia | Registration No. <u>43,887</u> | Andrew J. Hagerty | Registration No. <u>44,141</u> |
| Robin S. Quartin | Registration No. <u>45,028</u> | Scott E. Scioli | Registration No. <u>47,930</u> |
| Patrick J. Farley | Registration No. <u>42,524</u> | | |
| Gregory L. Hillyer | Registration No. <u>44,154</u> | | |
| Stephen C. Timmins | Registration No. <u>48,481</u> | | |
| Erich M. Falke | Registration No. <u>49,049</u> | | |
| Jane E. Inglese | Registration No. <u>48,444</u> | | |
| Susan C. Murphy | Registration No. <u>46,221</u> | | |
| Raymond N. Scott, Jr. | Registration No. <u>48,666</u> | | |
| David L. Marcus | Registration No. <u>46,897</u> | | |
| Lawrence A. Aaronson | Registration No. <u>38,369</u> | | |
| John A. Harrelson | Registration No. <u>42,637</u> | | |

his/her associates with full power to prosecute the above-identified application and to transact all business in the Patent Office connected therewith and requests that correspondence continue to be directed to the firm of WOODCOCK WASHBURN LLP at the above address.

Date: Nov. 13, 2001



Joseph Lucci
Registration No. 33,307

Woodcock Washburn LLP
One Liberty Place - 46th Floor
Philadelphia PA 19103
Telephone: (215) 568-3100
Facsimile: (215) 568-3439

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For: SEMICONDUCTOR GAS SENSING


Assistant Commissioner for Patents
Washington, DC 20231

Sir:

ASSOCIATE POWER OF ATTORNEY

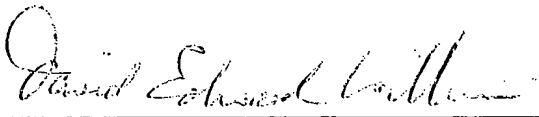
The undersigned, of the firm WOODCOCK WASHBURN LLP, One Liberty Place - 46th Floor, Philadelphia, Pennsylvania 19103, Attorney and/or Agents for Applicant(s), hereby appoints the following:

| | | | |
|-----------------------|--------------------------------|-----------------------------|--------------------------------|
| Richard E. Kurtz | Registration No. <u>19,263</u> | Norman L. Norris | Registration No. <u>24,196</u> |
| Dale M. Heist | Registration No. <u>28,425</u> | Albert W. Preston, Jr. | Registration No. <u>25,366</u> |
| John W. Caldwell | Registration No. <u>28,937</u> | Anthony J. Rossi | Registration No. <u>24,053</u> |
| Gary H. Levin | Registration No. <u>28,734</u> | Terence P. Strobaugh | Registration No. <u>25,460</u> |
| Steven J. Rocci | Registration No. <u>30,489</u> | Michael J. Swope | Registration No. <u>38,041</u> |
| Dianne B. Elderkin | Registration No. <u>28,598</u> | Michael J. Bonella | Registration No. <u>41,628</u> |
| John P. Donohue, Jr. | Registration No. <u>29,916</u> | Harold H. Fullmer | Registration No. <u>42,560</u> |
| Henrik D. Parker | Registration No. <u>31,863</u> | John E. McGlynn | Registration No. <u>42,863</u> |
| Suzanne E. Miller | Registration No. <u>32,279</u> | Jonathan M. Waldman | Registration No. <u>40,861</u> |
| Lynn B. Morreale | Registration No. <u>32,842</u> | Chad Ziegler | Registration No. <u>44,273</u> |
| Mark DeLuca | Registration No. <u>33,229</u> | Gwilym J.O. Attwell | Registration No. <u>45,449</u> |
| Michael P. Dunnam | Registration No. <u>32,611</u> | David N. Farsiou | Registration No. <u>44,104</u> |
| Michael D. Stein | Registration No. <u>34,734</u> | Paul K. Legaard | Registration No. <u>38,534</u> |
| Albert J. Marcellino | Registration No. <u>34,664</u> | Steven H. Meyer | Registration No. <u>37,189</u> |
| David R. Bailey | Registration No. <u>35,057</u> | Paul B. Milcetic | Registration No. <u>46,261</u> |
| Doreen Yatko Trujillo | Registration No. <u>35,719</u> | Joseph R. Condo | Registration No. <u>42,431</u> |
| Barbara L. Mullin | Registration No. <u>38,250</u> | Michael K. Jones | Registration No. <u>41,100</u> |
| Michael P. Straher | Registration No. <u>38,325</u> | Frank T. Carroll | Registration No. <u>42,392</u> |
| Kevin M. Flannery | Registration No. <u>35,871</u> | Mark J. Rosen | Registration No. <u>39,822</u> |
| David A. Cherry | Registration No. <u>35,099</u> | Thomas E. Watson | Registration No. <u>43,243</u> |
| Lynn A. Malinoski | Registration No. <u>38,788</u> | Eric H. Vance | Registration No. <u>47,151</u> |
| Steven B. Samuels | Registration No. <u>37,711</u> | Peter M. Ullman | Registration No. <u>43,963</u> |
| Janet E. Reed | Registration No. <u>36,252</u> | Richard B. LeBlanc | Registration No. <u>39,495</u> |
| Jeffrey J. King | Registration No. <u>38,515</u> | Joseph D. Rossi | Registration No. <u>47,038</u> |
| Robert B. Washburn | Registration No. <u>46,574</u> | Rosaleen P. Morris-Oskanian | Registration No. <u>47,321</u> |

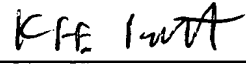
| | |
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| Name: David Edward WILLIAMS |  |
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|--|--|
| Name: Keith Francis <u>Edwin</u> PRATT |  Signature |
| Mailing Address: 22 Roebuck Court Didcot OX11 8UT Great Britain <u>GBN</u> | Date of Signature: <u>23 OCTOBER 2001</u> |
| City/State of Actual Residence: Didcot, Great Britain | Citizenship: <u>Great Britain</u> |


| | |
|--|---|
| Name: Roderic Lewis JONES | |
| Mailing Address: 7 Bandon Road Girton Cambridge CB3 0LU Great Britain | Signature |
| City/State of Actual Residence: Cambridge, Great Britain | Date of Signature: _____ Citizenship: <u>Great Britain</u> |

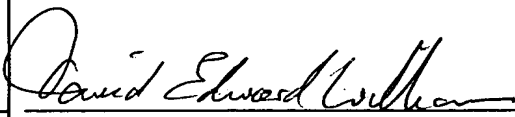
DOCKET NO. CACS-0017

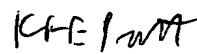
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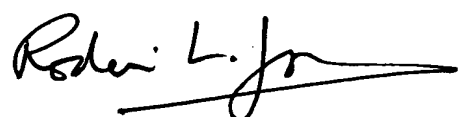
| | |
|--|---|
| Name: Richard Anthony COX | |
| Mailing Address: 4 College Farm Court High Street Barton Cambridge CB3 7AL Great Britain | Signature Date of Signature: _____ |
| City/State of Actual Residence: Cambridge, Great Britain | Citizenship: <u>Great Britain</u> |


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| | |
|--|--|
| Name: <u>Peter McGEEHIN</u> |  Signature |
| Mailing Address: Oakbridge School Road Compton Newbury Berks, RG20 6QU Great Britain <u>CBN</u> | Date of Signature: <u>22/5/01</u> Citizenship: <u>Great Britain</u> |
| City/State of Actual Residence: Berks, Great Britain | |

| | |
|---|---|
| Name: David Edward WILLIAMS |  _____ Signature |
| Mailing Address: 41 Oxford Road Abingdon OX14 2EE Great Britain | Date of Signature: <u>22 March 2009</u> |
| City/State of Actual Residence: Abingdon, Great Britain | Citizenship: <u>Great Britain</u> |

| | |
|---|---|
| Name: Keith Francis Edwin PRATT |  _____ Signature |
| Mailing Address: 22 Roebuck Court Didcot OX11 8UT Great Britain | Date of Signature: <u>21 / 3 / 01</u> |
| City/State of Actual Residence: Didcot, Great Britain | Citizenship: <u>Great Britain</u> |

| | |
|--|---|
| Name: <u>Roderic Lewis JONES</u> |  _____ Signature |
| Mailing Address: 7 Bandon Road Girton <u>Cambridge</u> CB3 0LU Great Britain <u>GBN</u> | Date of Signature: <u>02 / 11 / 01</u> |
| City/State of Actual Residence: Cambridge, Great Britain | Citizenship: <u>Great Britain</u> |

| | |
|---|---|
| Name: <u>Richard Anthony COX</u> |  Signature |
| Mailing Address: 4 College Farm Court High Street Barton Cambridge CB3 7AL Great Britain <i>GBN</i> | Date of Signature: <u>2 April 2021</u> |
| City/State of Actual Residence: Cambridge, Great Britain | Citizenship: <u>Great Britain</u> |